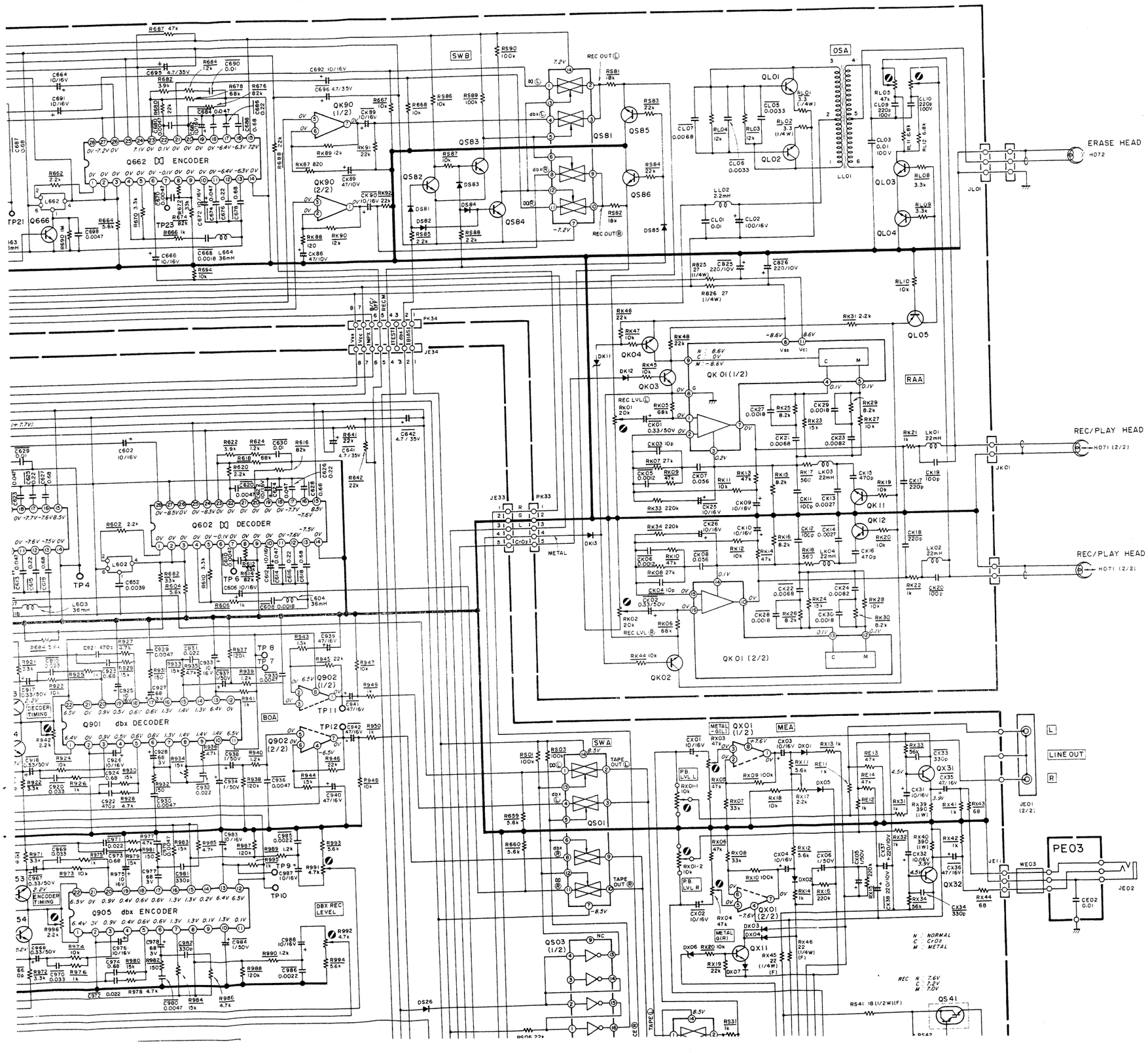
SCHEMATIC DIAGRAM FOR Model SD-74



Q601, Q602, Q661, Q662
HC10003490
TEA0665

QJ01
HC10017090
NJM2043DD

QJ51
HC10095050
TD62554S

QJ52
HC10044210
BA335

Q901, Q905
HC10039020
AN6291

Q902
HC10021090
NJM4560DD

QS01, QS02, QS81
HC40660B0
4066B

QS03
HC10052050
TD62504P

QX01, QK90
HC10003090
NJM4558D

QK01
HC10064020
AN6208N

Q806
HC38512090
NJM78M12A

Q801
HC38509090
NJM78M09A

Q802
HC39509090
NJM79M09A

Q805
HT1111842A0
2SA1184 (Q,Y)

Q665, Q666, QX11
QJ11, QJ12, QJ53
QJ54, QL03, QL04
QS42, QS51, QJ41
HT317402F1
2SC1740S (R,S)

Q911, Q912, Q913
Q914, Q951, Q952
Q953, Q954, QS23
QS24, QS82, QS83
QS84, QS85, QS85
QK02, QK03, QK04
QK11, QK12, QK43
QX31, QX32
HT317402G1
2SC1740S (S,E)

QS53, QL05, QJ42
HT1109332A1
2SA933S (Q,R)

QL01, QL02
HT317412B1
2SC1741 (Q,R)

Q803
HC38506090
NJM78M06A

QS41
HT40894000
2SD894

QS52
HT326342A1
2SC2634 (R,S)

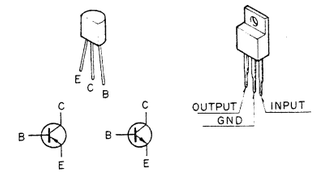
DX06, D810
HD30013021
MA1180(H)

DS52, D832
HD30003021
MA1047 (M)

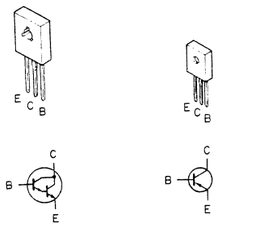
DS41
HD30008020
MA1100(M)

DK11
HD30043061
RD7.5E B3

DS91
HD30042061
RD8.2E B2



2SA933S(Q,R) 2SC1741(Q,R) NJM78M12A
2SC1740S(R,S) NJM78M09A
2SC1740S(S,E) NJM79M09A
2SC2634(R,S) NJM78M06A



2SD894 2SC1164 (Q,Y)

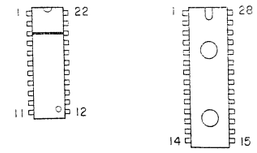
TOP VIEW TOP VIEW

NJM2043DD NJM4558D NJM4560DD

TOP VIEW TOP VIEW

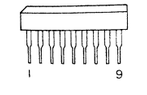
LC4065R AN6208R TD62504P

TOP VIEW TOP VIEW

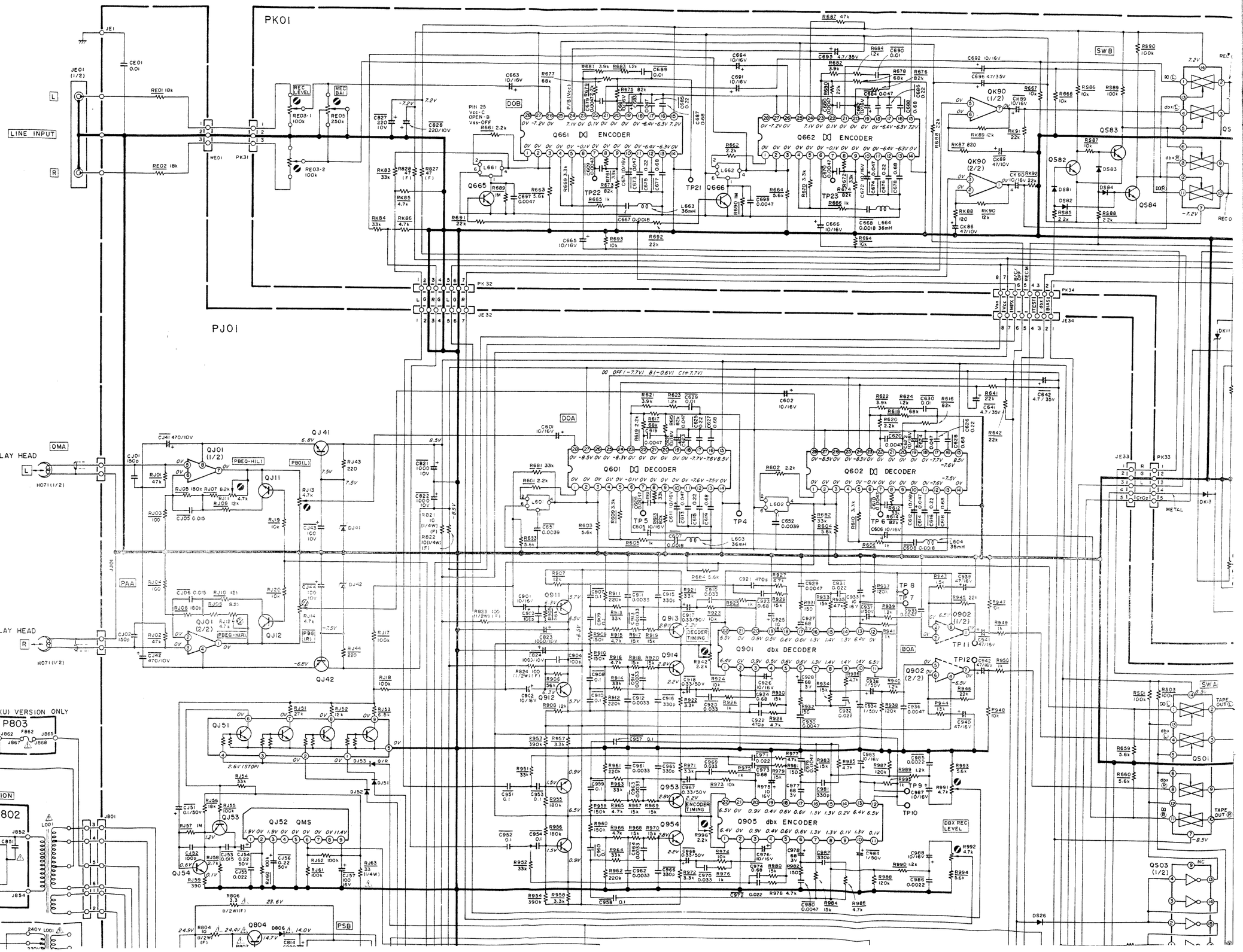


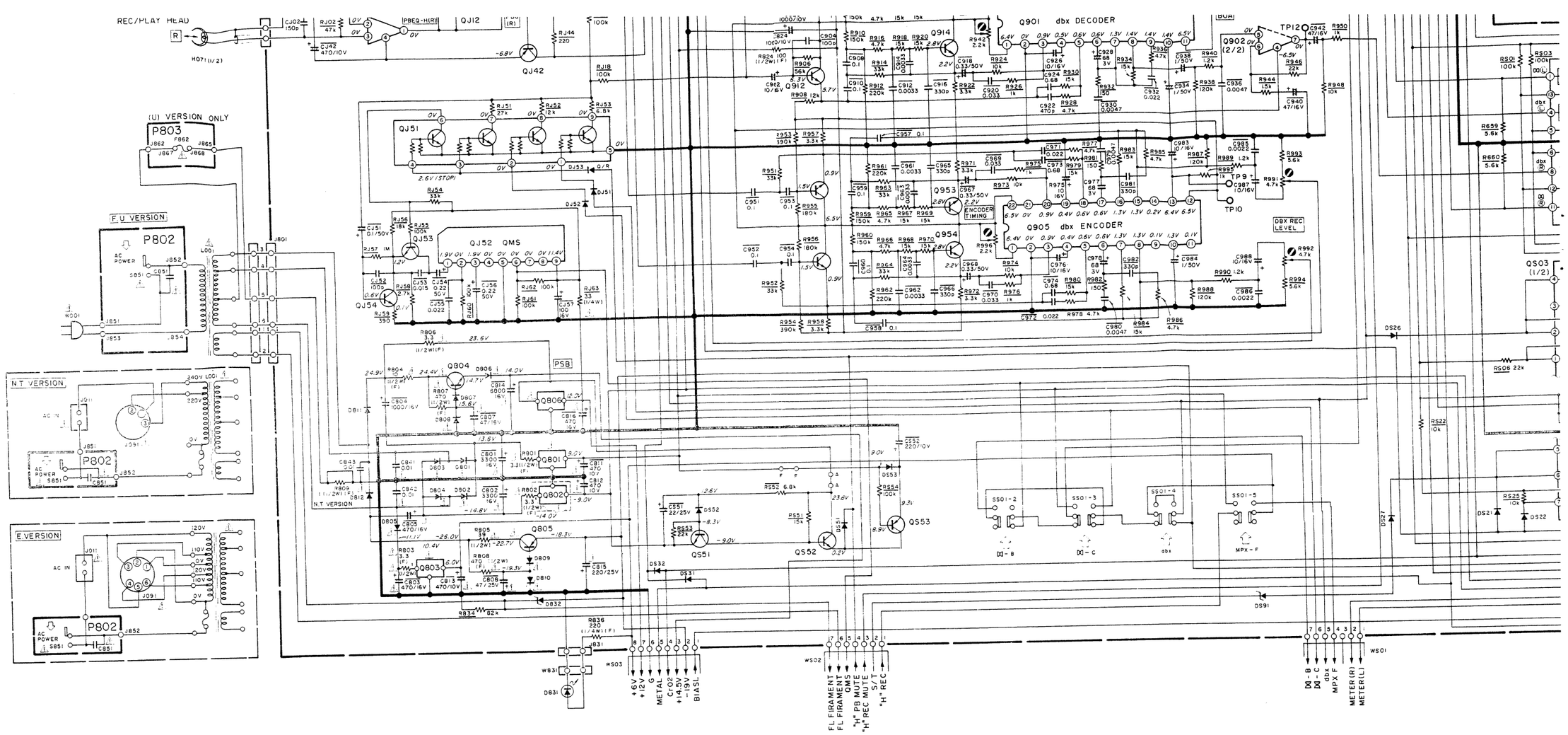
AN6291 TEA0665

SIDE VIEW



marantz


PK01
PJ01
LINE INPUT
REC/PLAY HEAD
REC/PLAY HEAD
(U) VERSION ONLY
F.U VERSION
N.T VERSION
Q661 ENCODER
Q662 ENCODER
Q601 DECODER
Q602 DECODER
Q901 dbx DECODER
Q905 dbx ENCODER
QK90 (1/2)
QK90 (2/2)
QS01
QS03 (1/2)
QS82
QS83
QS84
METAL
TAPE OUT
TAPE OUT
REC LEVEL
REC BAL
SW A
SW B
SW C
DOB
DOA
BOA
DBX REC LEVEL
ENCODER TIMING
DECODER TIMING
PBEQ-H(L)
PBEQ-H(R)
PBG(L)
PBG(R)
OMA
PAA
PSB



R942	RA02220600	TRIMMING 2.2 KΩ
R991	RA04720600	TRIMMING 4.7 KΩ (L) DBX REC
R992	RA04720600	TRIMMING 4.7 KΩ (R) DBX REC
R996	RA02220600	TRIMMING 2.2 KΩ
L601	LS10440060	M. P. X. COIL 19 KHz
L602	LS10440060	M. P. X. COIL 19 KHz
L603	LC23660700	CHOKE COIL 36 mH
L604	LC23660700	CHOKE COIL 36 mH
L661	LS10440060	M. P. X. COIL 19 KHz
L662	LS10440060	M. P. X. COIL 19 KHz
L663	LC23660700	CHOKE COIL 36 mH
L664	LC23660700	CHOKE COIL 36 mH
SC01		
≀	SP01010930	PUSH SWITCH TACT
SC03		
SU01	SS02030190	SLID SWITCH TIMER REC/PLAY
XU01	FQ08003020	CERAMIC VIB CSB800K
RV01	HQ30402060	DISPLAY UNIT FIP72AW19Y
SU51		
≀	SP01010930	PUSH SWITCH TACT
SU64		

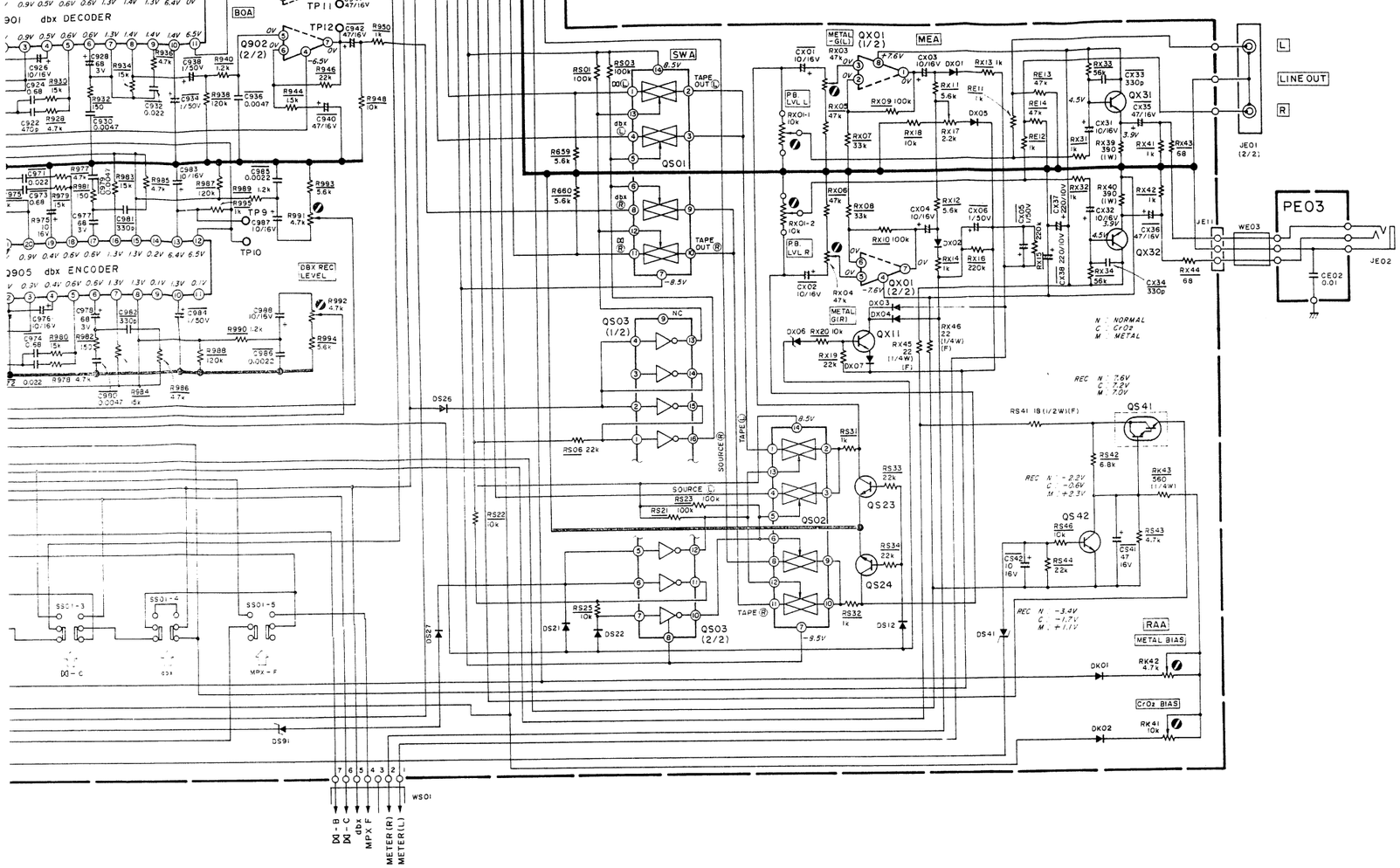
SU65	SP01010840	PUSH SWITCH TACT
SU66	SP01010840	PUSH SWITCH TACT
RX01	RM01030260	VARIABLE OUTPUT LEVEL
RX03	RA04730600	TRIMMING 47 KΩ
RX04	RA04730600	TRIMMING 47 KΩ
RX17	RA02220600	TRIMMING 2.2 KΩ
RM04	RA02220600	TRIMMING 2.2 KΩ
LL01	TC10150060	OSC TRANSF.
LL02	LC22250610	CHOCK COIL 2.2 mH
RL05	RA04730090	TRIMMING 47 KΩ
RL06	RA04730090	TRIMMING 47 KΩ
RJ11		
≀	RA04720600	TRIMMING 4.7 KΩ
RJ14		
J011	YP04000580	PLUG AC INLET [A, E, N]
J091	BY05030040	VOLTAGE SELECTOR [A, N]
J091	BY05080050	VOLTAGE SELECTOR [E]
L001	TS15715140	POWER TRANSF. [A, N]
L001	TS15716100	POWER TRANSF. [E]
L001	TS15715120	POWER TRANSF. [F]

W001	YC01800190	A.C. POWER CORD
W001	YC02000380	A.C. POWER CORD
F862	FS10100500	FUSE 1 A
RQ14	RA04720600	TRIMMING 4.7 KΩ
RQ17	RA04720600	TRIMMING 4.7 KΩ
LK01		
≀	LC22260610	CHOKE COIL 22 mH
LK04		
RK01	RA02030140	TRIMMING 20 KΩ
RK02	RA02030140	TRIMMING 20 KΩ
RK41	RA01030630	TRIMMING 10 KΩ
RK42	RA04720600	TRIMMING 4.7 KΩ
JT01	YT02020390	TERMINAL REMOTE IN
JT02	YT02020400	TERMINAL EASY OUT
ST01	SS02020700	SLID SWITCH REMOTE 1/2
SS01	SP02050150	PUSH SWITCH
JE01	YT02040470	TERMINAL LINE IN/OUT [A, E, F, N]
JE01	YT02040480	TERMINAL LINE IN/OUT [U]
JE02	YJ01001790	JACK HEADPHONE (GRAY)
JE02	YJ01002080	JACK HEADPHONE (BLACK)
RE03	RM01040880	VARIABLE 100 KΩ REC VOLUME
RE05	RK02540060	VARIABLE 250 KΩ REC BALANCE
W001	ZC02006020	A.C. POWER CORD [A]
W001	ZC01805010	A.C. POWER CORD [E, N]

H071	LH82162020	REC/PLAY HEAD
H072	LH31000650	ERASE HEAD (L)
H073	LH31000650	ERASE HEAD (R)
M071	MM11200260	D.C. MOTOR MAIN
M072	MM00900050	D.C. MOTOR F/R
M073	MM00900050	D.C. MOTOR ASSIST
S071		
≀	SM01011200	MINI SWITCH
S075		
S076	SM01020460	MINI SWITCH
020N	326Y002400	ARM PINCHROLLER
050N	325Y117500	SPINDLE REEL
086N	326Y273010	FLYWHEEL (NOR)
087N	326Y273020	FLYWHEEL (REV)
110N	313Y002520	ARM F/R
122N	313Y262040	PULLEY F/R
837N	316Y262010	PULLEY MOTOR MAIN
840N	323Y264010	BELT MAIN

NOTE ON SAFETY :
Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

Components and wiring are subject to change for modification without notice.



Q803
HC38506090
NJM78M06A

QS41
HT40894000
2SD894

QS52
HT326342A1
2SC2634(R,S)

DX06, D810
HD30013021
MA1180(H)

DS52, D832
HD30003021
MA1047(M)

DS41
HD30008020
MA1100(M)

DK11
HD30043061
RD7.5E B3

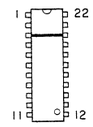
DS91
HD30042061
RD8.2E B2

DX01 ~ DX05, DX07, D809
DK01, DK02, DK12, DK13
DS01 ~ DS04, DS12, DS21 ~ DS24
DS31, DS32, DS51, DS53
DS81 ~ DS85
HD2001521!
1SS133

D801 ~ D806, D811, D812
HD2001621!
1SR35 - 200A

D808
HD30012021
MA1150(M)

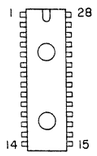
TOP VIEW



AN6291

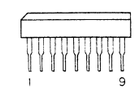
TD62504P

TOP VIEW



TEA0665

SIDE VIEW



BA335
TD62554S

H071	LH82162020	REC/PLAY HEAD
H072	LH31000650	ERASE HEAD (L)
H073	LH31000650	ERASE HEAD (R)
M071	MM11200260	D.C. MOTOR MAIN
M072	MM00900050	D.C. MOTOR F/R
M073	MM00900050	D.C. MOTOR ASSIST
S071		
≀	SM01011200	MINI SWITCH
S075		
S076	SM01020460	MINI SWITCH
020N	326Y002400	ARM PINCHROLLER
050N	325Y117500	SPINDLE REEL
086N	326Y273010	FLYWHEEL (NOR)
087N	326Y273020	FLYWHEEL (REV)
110N	313Y002520	ARM F/R
122N	313Y262040	PULLEY F/R
837N	316Y262010	PULLEY MOTOR MAIN
840N	323Y264010	BELT MAIN

"SERVICE INFORMATION IS FOR USE BY QUALIFIED RERSONNEL ONLY – ANY MISADJUSTMENT OR MISALIGNMENT MAY BE TREATED AS A NON-WARRANTY REPAIR BY ANY MARANTZ SERVICE CENTRE –"

Kind of Common Parts

RESISTOR

R*** (1) GD05 - - - 140, Carbon film fixed resistor, ±5% 1/4W
R*** (2) GD05 - - - 160, Carbon film fixed resistor, ±5% 1/6W

C*** : **CERAMIC CAP.**
(1) DD1 - - - - 370, Ceramic condenser, disc type (titan condenser) Temp. coeff. P350 ~ N1000 50V

C*** : **CERAMIC CAP.**
(1) DK16 - - - 300, High dielectric constant ceramic condenser, disc type (titan variable) Temp. chara. 2B4 50V

C*** : **ELECTROLY CAP. (⧺) / FILM CAP. (⥤)**
(1) EA - - - - - - 10, Electrolytic condenser, one-way lead type, tolerance ±20%
(2) DF15 - - - 350, Plastic film condenser, one-way type, Mylar, ±5% 50V

* In case of ordering the common parts, please establish the correct parts number of 10 figures by the procedure "ASSIGNMENT OF COMMON PARTS CODES"

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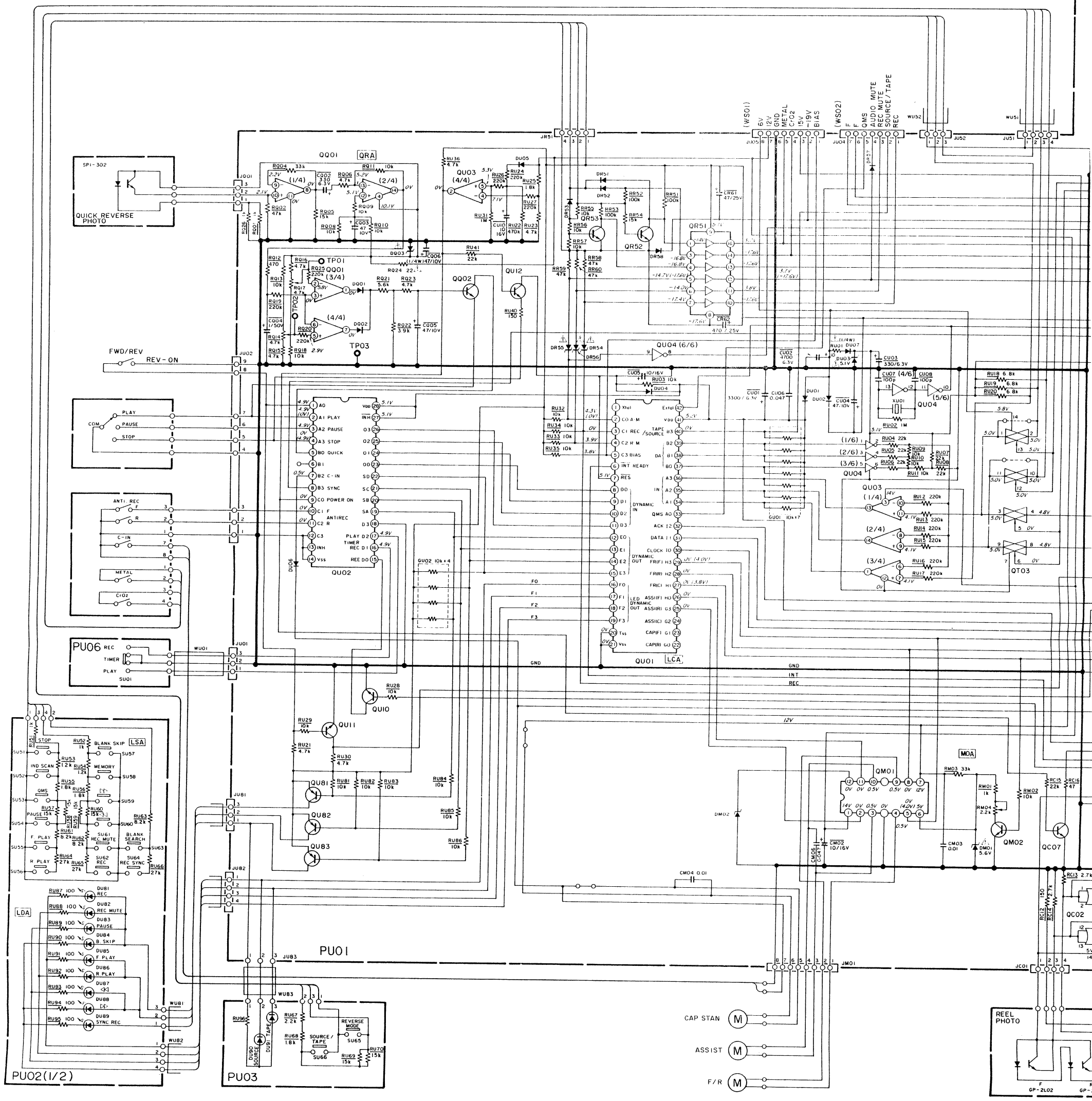

QUICK REVERSE PHOTO
FWD/REV
REV-ON
PLAY
PAUSE
STOP
COM
ANTI REC
F
R
C-IN
METAL
CrO2
PU06 REC
TIMER
PLAY
SU01
QQ001
QRA
QU003 (4/4)
QQ002
QU12
QU004 (6/6)
QU001
LCA
QU002
QU004
QU003
QT03
QM001
MOA
QM002
QC07
QC02
TP01
TP02
TP03
QU10
QU11
QU81
QU82
QU83
JU01
JU02
JU03
JU81
JU82
PU01
PU02(1/2)
PU03
LSA
LDA
STOP
BLANK SKIP
IND SCAN
MEMORY
QMS
PAUSE
F PLAY
R PLAY
REC MUTE
BLANK SEARCH
REC
REC SYNC
DU81 REC
DU82 REC MUTE
DU83 PAUSE
DU84 B. SKIP
DU85 F. PLAY
DU86 R. PLAY
DU87
DU88
DU89 SYNC REC
WU81
WU82
WU83
DU90 SOURCE
DU91 TAPE
REVERSE MODE
SOURCE / TAPE
CAP STAN
ASSIST
F/R
REEL PHOTO
GND
INT
REC
12V
TAPE /SOURCE
DYNAMIC IN
DYNAMIC OUT
LED DYNAMIC OUT
(WS01)
6V
12V
GND
METAL
CrO2
15V
-19V
BIAS
(WS02)
F
F
QMS
AUDIO MUTE
REC MUTE
SOURCE/TAPE
REC
JR51
JU005
JU004
WU52
JU052
WU51
JU051
JMO1
JC01

QU01
HC10159030
LM6402H-491

QU02
HC10161030
LC7800

QU03
HC10010320
IR2339

QU04, QT02
HC40690580
TC4069

QM01
HC10156030
LB1649

QQ01
HC10135030
LA6324

QR01
HC10063020
AN6870N

QR02
HC10051210
BA222

QR51
HC10131030
LB1292

QT01
HC10158030
LM6416E-490

QT03
HC406600B0
HD14066BP

QC01
HC10157030
LC6502B-685

QC02
HC400100B0
HD14001BP

QC03
HC401300B0
HD14013BC

QU10, QU11,
QR52, QR53, QR55
QM02, QT04, QT05
QQ02, QC06, QC07
HT31402F1
2SC1740S(R,S)

QU81～QU83
QC04, QC05
HT109332D1
2SA933S(R,S)

RV01
HQ30402060
FIP72AW19Y

DU03
HD30021060
RD5.1EB2

DR54～DR56
HD30020061
RD20EB2

DM01
HD30015060
RD5.6EB2

DQ03
HD30061060
RD10EB2

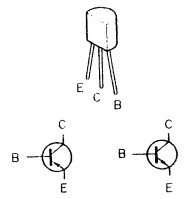
DU01, DU02
HD20016211
ISR35-200

DU04～DU06, DU07
DC01～DC09
DR51～DR53, DR57～DR59
DQ01, DQ02
HD20015211
1SS133

DU81, DU82, DU89
HI10037030
SLP-981C-50

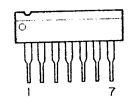
DU84～DU88
HI10038030
SLP-281F-50

DU83
HI10046030
SLP-481C-50



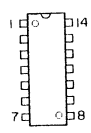
2SA933S(R,S) 2SC1740S(R,S)

SIDE VIEW



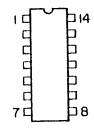
BA222

TOP VIEW



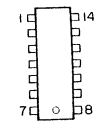
HD14013BC
HD14066BP
HD14001BP

TOP VIEW



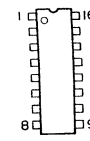
TC4069
LA6324

TOP VIEW



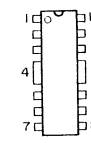
LB1292

TOP VIEW



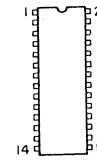
1R2339

TOP VIEW



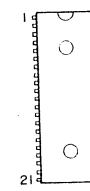
LB1649

TOP VIEW



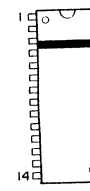
LM6416E-490
LC7800

TOP VIEW



LM6402H-491
LC6502B-685

TOP VIEW



AN6870N